Docket ID - EPA-HQ-OAR-2012-0233

Document Title

Letter dated June 2, 2011 from David K. Paylor, Director, Virginia Department of Environmental Quality, to Shawn M. Garvin, Regional Administrator USEPA Region 3, providing recommendations for the boundaries of the areas in Virginia attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included.

Shawn M. Garvin, Regional Administrator USEPA Region 3, providing recommendations for the boundaries of the District of Columbia attaining and not attaining the 2010 SO2 NAAQS.

Department of Environmental Protection, to Shawn M. Garvin, Regional Administrator USEPA Region 3, providing recommendations for the boundaries of the areas in West Virginia attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included.

Letter dated May 25, 2011 from Lance R. LeFleur, Director, Alabama Department of Environmental Management, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing recommendations for the boundaries of areas in Alabama attaining and not attaining the 2010 SO2 NAAQS.

Letter from Laurel L. Kroack, Chief, Bureau of Air, Illinois Environmental Protection Agency, to Cheryl A. Newton, Director, Office of Air and Radiation, USEPA Region 5, providing recommendations for the boundaries of areas in Illinois attaining and not attaining the 2010 SO2 NAAQS. Technical Support Document included June 2, 2011,

Department of Environmental Protection, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing recommendations for the boundaries of areas in Florida attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included.

Letter from Thomas W. Easterly, Commissioner, Indiana Department of Environmental Management, to Susan Hedman, Regional Administrator USEPA Region 5, providing recommendations for the boundaries of areas in Indiana attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included.

Comment submitted by John W. Mitchell, Director, Division of Environment, Kansas Department of Health and Environment (KDHE)

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to the Honorable Dannel P. Malloy, Governor of Connecticut, notifying the State of Connecticut of the revised 2010 SO2 National Ambient Air Quality Standard and providing Guidance on the Designations Process

Letter dated November 28, 2011 from Michael P. Halpin, P.E., Director, Division of Air Resource Management, Florida Department of Environmental Protection, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing a revised recommendation for areas in Nassau County, Florida attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included.

Email dated June 4, 2013 from Alan Ponrick, Billings, MT, to USEPA Region 8

Letter from Dan Wyant, Director, Michigan Department of Environmental Quality, to Susan Hedman, Regional Administrator USEPA Region 5, providing recommendations for the boundaries of areas in Michigan attaining and not attaining the 2010 SO2 NAAQS. Technical Support Document included.

Letter dated April 20, 2012 from The Honorable Rick Perry, Governor of Texas, to Dr. Alfredo Armendariz, Regional Administrator USEPA Region 6, providing revised recommendations for the boundaries of the areas in Texas attaining and not attaining the 2010 SO2 NAAQS

EPA Responses to State and Tribal 2010 Sulfur Dioxide Designation Recommendations: Notice of Availability and Reopening of Public Comment Period

Letter dated March 15, 2012 from John P. deJongh, Jr., Governor of the United States Virgin Islands, to Judith A. Enck, Regional Administrator USEPA Region 2, providing additional revised recommendations for the boundaries of the areas in the United States Virgin Islands attaining and not attaining the 2010 SO2 NAAQS

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to the Honorable Paul R. LePage, Governor of Maine, notifying the State of Maine of the revised 2010 SO2 National Ambient Air Quality Standard and providing Guidance on the Designations Process

Letter dated May 31, 2011 from F. Allen Barnes, Director, Georgia Department of Natural Resources, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing recommendations for the boundaries of areas in Georgia attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included.

Email dated June 4, 2013 from Edward Guilick, Billings, MT, to USEPA Region 8

Letter from Paul W. Aasen, Commissioner, Minnesota Pollution Control Agency, to Susan Hedman, Regional Administrator USEPA Region 5, providing recommendations for the boundaries of areas in Minnesota attaining and not attaining the 2010 SO2 NAAQS. Technical support included, May 23, 2011

Letter dated February 6, 2013 to the Honorable John A. Kitzhaber, Governor of Oregon from Dennis J. McLerran, Regional Administrator USEPA Region 10, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 6, 2013 to the Honorable Jimmy Newton, Jr., Chairman of Southern Ute Indian Tribe from James B. Martin, Regional Administrator USEPA Region 8, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Todd Parfitt, Director, Wyoming Department of Environmental Quality

Responses to Significant Comments on the State and Tribal Designation Recommendations for the 2010 Sulfur Dioxide National Ambient Air Quality Standards (NAAQS) dated July 25, 2013

Administrator USEPA Region 1 to the Honorable Deval Patrick, Governor of Massachusetts, notifying the State of Massachusetts of the revised 2010 SO2 National Ambient Air Quality Standard and providing Guidance on the Designations Process

Letter dated June 2, 2011 from Leonard K. Peters, Secretary, Kentucky Energy and Environment Cabinet, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing recommendations for the boundaries of areas in Kentucky attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included.

regarding designating Yellowstone County, Montana, as a nonattainment area for air quality

Letter from Scott Nally, Director, Ohio Environmental Protection Agency, to Susan Hedman, Regional Administrator USEPA Region 5, providing recommendations for the boundaries of areas in Ohio attaining and not attaining the 2010 SO2 NAAQS. Technical Support Document included, June 3, 2011

Comment submitted by Zachary L. Craft, Baker Botts L.L.P.

Notification letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to Michell Hicks, Principal Chief of the Eastern Band of Cherokee Indians notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Letter dated November 19, 2012 from Raymond L. Evans, Designated Representative of First Energy Generation Corporation, to Clean Air Markets Division, U.S. Environmental Protection Agency, Regarding long-term cold storage of R.E. Burger Boilers

Comment submitted by Andrea Bear Field and Lucinda Minton Langworthy, Hunton & Williams on behalf of the Utility Air Regulatory Group (UARG)

Letter dated May 3, 2011 from The Honorable Gary R. Herbert, Governor of Utah, to James B. Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of the areas in Utah attaining and not attaining the 2010 SO2 NAAQS

Letter dated February 6, 2013 to the Honorable Lolo Matalasi Moliga, Governor of American Samoa from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Leo R. Henry, Chief of Tuscarora Nation, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Comment submitted by Kenneth Anderson, Managing Supervisor, Air Quality Management, Ameren

Comment submitted by James M. Parker, PPL Montana, LLC (PPLM)

Comment submitted by Zak Covar, Executive Director, Texas Commission on Environmental Quality (TCEQ)

EPA's Acknowledgement Letter to U .S. Steel's Petition for Reconsideration and for Stay Pending Reconsideration of the Air Quality Designations for the 2010 Sulfur Dioxide (S02) Primary National Ambient Air Quality Stardard

Updated letter dated June 5, 2013 from Ali Mirzakhalili, Director, Department of Natural Resources and Environmental Control, Division of Air Quality, State of Delaware to Mr. Shawn M. Garvin, Regional Administrator, USEPA Region 3, providing recommendations for the boundaries of the areas in Delaware for the 2010 SO2 NAAQS

Letter dated February 6, 2013 to the Honorable Mark Dayton, Governor of Minnesota from Susan Hedman, Regional Administrator USEPA Region 5, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Harold W. Robbins, President, Bison Engineering, Inc. on behalf of Montana Sulphur & Chemical Co. (MSCC)

Comment submitted by James A. Capp, Chief, Air Protection Branch, Georgia Environmental Protection Division (EPD)

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to the Honorable John Lynch, Governor of New Hampshire, notifying the State of New Hampshire of the revised 2010 SO2 National Ambient Air Quality Standard and providing Guidance on the Designations Process

Preliminary Technical Support Document, February 2013, Wisconsin Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 USEPA

Email dated June 4, 2013 from Rebecca Fischer, Lead Organizer, Northern Plains Resource Council, Billings, MT, to USEPA Region 8 regarding Yellowstone Valley air quality comments

Notification Letters dated March 29, 2011 from Jared Blumenfeld, Regional Administrator USEPA Region 9 to the State Governors of Arizona, California, Hawaii, Nevada and Territories of American Samoa, Commonwealth of the Northern Mariana Islands, and Guam, notifying them of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Letter from Scott Walker, Governor of Wisconsin, to Susan Hedman, Regional Administrator USEPA Region 5, providing recommendations for the boundaries of areas in Wisconsin attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included, May 26, 2011

Notification letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to Beasley Denson, Tribal Miko of the Mississippi Band of Choctaw Indians notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Letter dated April 26, 2013 from Mr. Scott Nally, Director of Ohio EPA, to Ms. Susan Hedman, Regional Administrator for USEPA Region 5, Ohio EPA comments regarding West Virginia's response to USEPA proposal on the intended air quality designations for the sulfur dioxide (SO2) national ambient air quality standard (NAAQS)

Updated Letter dated October 25, 2011 from The Honorable Gary R. Herbert, Governor of Utah, to James B. Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of the areas in Utah attaining and not attaining the 2010 SO2 NAAQS

Letter dated February 6, 2013 to the Honorable Janice Brewer, Governor of Arizona from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) National Ambient Air Quality Standards (NAAQS)

Comment submitted by Dave Galt, Executive Director, Montana Petroleum Association et al.

Region 7 IA 2008-2010 Raw Data SO2 Musser Park

Notification Letter dated April 4, 2011 from Al Armendariz, Regional Administrator USEPA Region 6 to the Honorable Rick Perry, Governor of Texas, notifying the State of Texas of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated February 6, 2013 to The Honorable Nikki Haley, Governor of South Carolina from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

U .S. Steel's Petition for Reconsideration and for Stay Pending Reconsideration of the Air Quality Designations for the 2010 Sulfur Dioxide (S02) Primary National Ambient Air Quality Stardard

Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Chief William Jacobs, Chief Samuel George, and Chester Isaac, Representatives of Cayuga Nation, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

USEPA Response Letter, dated August 14, 2014, to Mr. Larry Zink, President of Montana Sulphur & Chemical Company, responding to their Petition for Reconsideration concerning the U.S. EPA final rule, Air Quality Designations for the 2010 Sulfur Dioxide (SO2) Primary NAAQS

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to Rodney Butler, Chairman of Mashantucket Pequot Tribal Nation notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Comment submitted by John Skvarla, Secretary, Department of Environment and Natural Resources, North Carolina (NCDENR)

Letter dated June 2, 2011 from Commissioner Larry Hartig, State of Alaska Department of Environmental Conservation, to Dennis McLerran, Regional Administrator USEPA Region 10, providing recommendations for the boundaries of the areas in Alaska attaining and not attaining the 2010 SO2 NAAQS

from Gina McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_McWilliams to Gina McCarthy October 3, 2013

Letter dated February 6, 2013 to The Honorable Buford Rolin, Chairman of the Poarch Band from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Final Technical Support Document, July 2013, Florida First Round of Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 4 USEPA Comment submitted by Bob Martin, Commissioner, State of New Jersey, Department of Environmental Protection

Letter dated February 6, 2013 to the Honorable John Kasich, Governor of Ohio from Susan Hedman, Regional Administrator USEPA Region 5, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by David W. Hacker, General Attorney-Environmental, United States Steel Corporation

Preliminary Technical Support Document, February 2013, Kentucky Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 4 US EPA

Comment submitted by H. K. Cox

Letter dated June 2, 2011 from Deval L. Patrick, Governor of the Commonwealth of Massachusetts, to H. Curtis Spalding, Regional Administrator USEPA Region 1, providing recommendations for the boundaries of the areas in Massachusetts attaining and not attaining the 2010 SO2 NAAQS

Letter dated May 20, 2011 from John P. deJongh, Jr., Governor of the United States Virgin Islands, to Judith A. Enck, Regional Administrator USEPA Region 2, providing recommendations for the boundaries of the areas in the United States Virgin Islands attaining and not attaining the 2010 SO2 NAAQS

26 - Hot Spot vs Monitor Values (2)

Letter Dated March 22, 2011 from The Honorable Mike Beebe, Governor of Arkansas, to Dr. Alfredo Armendariz, Regional Administrator USEPA Region 6, providing recommendations for the boundaries of The areas in Arkansas attaining and not Attaining The 2010 SO2 NAAQS

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to the Honorable Peter Shumlin, Governor of Vermont, notifying the State of Vermont of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Comment submitted by Peggy M. Hatch, Secretary, State of Louisiana, Department of Environmental Quality, Office of the Secretary

Recommendations

Letter dated February 6, 2013 to Mr. Harold Frank, Chairman of the Forest County Potawatomi Community from Susan Hedman, Regional Administrator USEPA Region 5, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated June 3, 2011 from Pedro J. Nieves Miranda, Esq., Chairman, Puerto Rico Environmental Quality Board, to Judith A. Enck, Regional Administrator USEPA Region 2, providing recommendations for the boundaries of the areas in Puerto Rico attaining and not attaining the 2010 SO2 NAAQS. Includes technical analysis

Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Irving Powless, Jr., Chief of Onondaga Nation, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard (NAAQS) and providing guidance on the designations process

Letter dated May 27, 2011 from Richard H. Opper, Director, Montana Department of Environmental Quality, to James B. Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of the areas in Montana attaining and not attaining the 2010 SO2 NAAQS. Technical Support Document, prepared by Montana Department of Environmental Quality included

Email dated June 4, 2013 from Rose Bender, Field Organizer, Northern Plains Resource Council, Billings, MT, to USEPA Region 8 regarding Yellowstone County SO2 nonattainment

Notification Letter dated March 29, 2011 from Jared Blumenfeld, Regional Administrator USEPA Region 9 to Darrell Mike, Chairperson of the 29 Palms Tribal Council notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Letter from Janice K. Brewer, Governor of Arizona, to Jared Blumenfeld, Regional Administrator USEPA Region 9, providing recommendations for the boundaries of areas in Arizona attaining and not attaining the 2010 SO2 NAAQS. May 2, 2011 letter from Arizona Dept of Env. Quality and technical analysis included as support, May 25, 2011

Letter dated February 7, 2013 to The Honorable Deval Patrick, Governor of Massachusetts from H. Curtis Spalding, Regional Administrator USEPA Region 1, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated June 2, 2011 from Dee Freeman, Secretary, North Carolina Department of Environment and Natural Resources, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing recommendations for the boundaries of areas in North Carolina attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included.

Notification letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to Colley Billie, Chairman of the Miccosukee Tribe of Indians of Florida notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Letter dated June 23, 2011 from Bob Martin, Commissioner, New Jersey Department of Environmental Protection, to Judith A. Enck, Regional Administrator USEPA Region 2, providing recommendations for the boundaries of the areas in New Jersey attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included 2008 EPA Quality Assurance Handbook Vol II

USEPA Response Letter, dated August 14, 2014, to Mr. Mark Lambrecht, Executive Director for Treasure State Resource Industry Association, responding to their Petition for Reconsideration concerning the U.S. EPA final rule, Air Quality Designations for the 2010 Sulfur Dioxide (SO2) Primary NAAQS

Notification Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to the Honorable Chris Christie, Governor of New Jersey, notifying the State of New Jersey of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

Letter dated May 10, 2011 from Harold Frank, Tribal Chairman, Forest County Potawatomi Community, to Susan Hedman, Regional Administrator USEPA Region 5, providing recommendations for the boundaries of areas of Indian country attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included.

Letter dated May 24, 2011 from The Honorable Matthew H. Mead, Governor of Wyoming, to James B. Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of the areas in Wyoming attaining and not attaining the 2010 SO2 NAAQS

Email dated June 5, 2013 from Dorcas Halverson to USEPA Region 8 regarding designating Yellowstone County, Montana, as nonattainment for air quality Comment submitted by James M. Parker, Billings Laurel Air Quality Technical

Committee

Preliminary Technical Support Document, February 2013, Arizona Preliminary Nonattainment Area Designations for the 2010 SO2 Primary National Ambient Air Quality Standards (NAAQS), prepared by the Region 9 USEPA Letter dated February 6, 2013 to the Honorable Jay Inslee, Governor of Washington from Dennis J. McLerran, Regional Administrator USEPA Region 10, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Preliminary Technical Support Document, February 2013, Louisiana Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 6 USEPA

Letter dated February 6, 2013 to The Honorable Robert McDonnell, Governor of Virginia from Shawn M. Garvin, Regional Administrator USEPA Region 3, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Region 7 IA 2010 SO2 99th Percentile 0 sub for flags with dates

Notification Letter dated April 4, 2011 from Al Armendariz, Regional Administrator USEPA Region 6 to the Honorable Bobby Jindal, Governor of Louisiana, notifying the State of Louisiana of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated February 6, 2013 to The Honorable Bill Haslam, Governor of Tennessee from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Zachary L. Craft, Baker Botts L.L.P. on behalf of the BCCA Appeal Group

Comment submitted by D. Pittman

Comment submitted by Jonathan S. Martel, Arnold & Porter LLP on behalf of James M. Parker, Manager, PPL Montana

Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Clint Halftown, Timothy Twoguns, and Gary Wheeler, Representatives of Cayuga Nation, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process Billings-Laurel Historical Ambient SO2 Monitoring Report - BLAQTC

Letter dated February 6, 2013 to The Honorable Vincent C. Gray, Mayor of District of Columbia from Shawn M. Garvin, Regional Administrator USEPA Region 3, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated May 24, 2011 from The Honorable Susana Martinez, Governor of New Mexico, to Dr. Alfredo Armendariz, Regional Administrator USEPA Region 6, providing recommendations for the boundaries of the areas in Albuquerque-Bernalillo County, New Mexico attaining and not attaining the 2010 SO2 NAAQS

Letter dated February 6, 2013 to the Honorable Dave Heineman, Governor of Nebraska from Karl Brooks, Regional Administrator USEPA Region 7, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to Kirk Francis, Chief of Penobscot Indian Nation notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Comment submitted by Andrew Armstrong, Staff Attorney, Environmental Law & Policy Center (ELPC)

Air Quality Designations: 2010 Sulfur Dioxide (SO2) Primary National Ambient Air Quality Standard

2.1 - EPA New Standards Application

Letter dated May 16, 2011 from Toni Hardesty, Director of the State of Idaho Department of Environmental Quality, to Dennis McLerran, Regional Administrator USEPA Region 10, providing recommendations for the boundaries of the areas in Idaho attaining and not attaining the 2010 SO2 NAAQS

Letter dated July 25, 2013 to the Honorable Bobby Jindal, Governor of Louisiana from Gina McCarthy, Administrator of USEPA, providing final notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_McWilliams to Mike Thrift October 21, 2013

Letter dated February 6, 2013 to The Honorable James E. Billie, Chairman of the Seminole Tribe of Florida from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Michael L. Krancer, Secretary, Pennsylvania Department of Environmental Protection

Final Technical Support Document, July 2013, New Hampshire First Round of Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, Prepared by The Region 1 USEPA

Email dated April 8, 2013 from Dave Galt, Executive Director of Montana Petroleum Association, to USEPA Region 8 commenting on EPA's responses to State and Tribal 2010 Sulfur Dioxide Designation Recommendations

Letter dated February 6, 2013 to the Honorable Sean Parnell, Governor of Alaska from Dennis J. McLerran, Regional Administrator USEPA Region 10, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) National Ambient Air Quality Standards (NAAQS)

Letter dated May 25, 2011 from The Honorable Jack Dalrymple, Governor of North Dakota, to James B. Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of the areas in North Dakota attaining and not attaining the 2010 SO2 NAAQS

Notification Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Monica Jacobs, Mark H. Garrow, and Randy Hart, Chiefs of St. Regis Mohawk Tribe, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

Preliminary Technical Support Document, February 2013, Ohio Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 USEPA

Treasure State Resource Industry Association (TSRIA) Petition for Reconsideration or Repeal of a Portion of the Final Rule and Request for an Administrative Stay Pending Agency Proceedings

Region 7 IA 2009-2011 Raw Data SO2 Musser Park

Letter dated February 6, 2013 to The Honorable Phil Bryant, Governor of Mississippi from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Administrator USEPA Region 1 to Cedric Cromwell, Tribal Chairman of Mashpee Wampanoag Tribal Council notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Gina McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Daniel C. Esty, Commissioner, Connecticut Department of Energy & Environmental Protection

Spalding, Regional Administrator USEPA Region 1, providing recommendations for the boundaries of the areas in Maine attaining and not attaining the 2010 SO2 NAAQS

Letter dated May 18, 2011 from Pearl E. Casias, Chairman, Southern Ute Indian Tribe, to James B. Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of areas of Indian country attaining and not attaining the 2010 SO2 NAAQS.

and Environment Cabinet, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing revised recommendations for the boundaries of areas in Kentucky attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included.

Letter dated May 18, 2011 from Lincoln D. Chafee, Governor of Rhode Island, to H. Curtis Spalding, Regional Administrator USEPA Region 1, providing recommendations for the boundaries of the areas in Rhode Island attaining and not attaining the 2010 SO2 NAAQS

Letter dated April 3, 2013, from S. Bullock, Governor, State of Montana to H. Cantor, Acting Regional Administrator, USEPA, Region 8 Regarding the Montana Sulfur Dioxide (SO2) NAAQS Designations

Comment submitted by Thomas W. Hanel, Mayor, City of Billings

Letter dated February 6, 2013 to The Honorable Tom Corbett, Governor of Pennsylvania from Shawn M. Garvin, Regional Administrator USEPA Region 3, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated December 23, 2011 from John P. deJongh, Jr., Governor of the United States Virgin Islands, to Judith A. Enck, Regional Administrator USEPA Region 2, providing a revised recommendation for the boundaries of the areas in the United States Virgin Islands, specifically for St. Croix, attaining and not attaining the 2010 SO2 NAAQS

Regarding Modeling of Sulfur Dioxide (SO2) in the Detroit Area on December 10, 2013

Comment submitted by Stephen R. Gossett, Environmental Fellow, Eastman Chemical Company

Letter dated February 7, 2013 to the Honorable Susana Martinez, Governor of New Mexico from Ron Curry, Regional Administrator USEPA Region 6, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide SO2 NAAQS

Courtesy Letter dated July 25, 2013 to The Honorable Chris Christie, Governor of New Jersey from Judith A. Enck, Regional Administrator USEPA Region 2, providing a notification on round 1 initial designation decisions for the 2010 Sulfur Dioxide (SO2) NAAQS

5 - PPL Plume Analysis

Letter dated May 31, 2011 from Secretary Peggy M. Hatch, State of Louisiana, to Dr. Alfredo Armendariz, Regional Administrator USEPA Region 6, providing recommendations for the boundaries of the areas in Louisiana attaining and not attaining the 2010 SO2 NAAQS

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to the Honorable Lincoln D. Chafee, Governor of Rhode Island, notifying the State of Rhode Island of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated February 7, 2013 to Mr. Mark Macarro, Chairman of Pechanga Band of Luiseno Mission Indians from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) National Ambient Air Quality Standards (NAAQS)

Letter dated February 6, 2013 to The Honorable Jack Markell, Governor of Delaware from Shawn M. Garvin, Regional Administrator USEPA Region 3, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 6, 2013 to Ms. Karen R. Diver, Chairwoman of Fond du Lac Band of Lake Superior Chippewa Indians from Susan Hedman, Regional Administrator USEPA Region 5, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide SO2 NAAQS

Letter dated February 6, 2013 to the Honorable Brian Sandoval, Governor of Nevada from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) National Ambient Air Quality Standards (NAAQS)

EPA Quality Assurance Handbook - 2013

Comment submitted by Laura Beaton and Jenny Harbine, Earthjustice on behalf of the Montana Environmental Information Center (MEIC) and Sierra Club

Letter dated January 23, 2012 from Judith A. Enck, Regional Administrator USEPA Region 2, to John P. deJongh, Jr., Governor of the United States Virgin Islands, acknowledging receipt of December 23, 2011 revised recommendation letter from USVI for the boundaries of the areas in the United States Virgin Islands attaining and not attaining the 2010 SO2 NAAQS

EPA, National Ambient Air Quality Standards for Particulate Matter, 78 FR 30896, January 15, 2013 Notification Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Robert Odawi Porter, President of Seneca Nation of Indians, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard (NAAQS) and Providing Guidance on the Designations Process

Letter dated January 28, 2013 from Robert J. Martineau, Jr., Commissioner, Tennessee Department of Environment and Conservation, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing updated recommendations for the boundaries of areas in Tennessee attaining and not attaining the 2010 SO2 NAAQS and Technical Analysis

Email_Meeting Request From McWilliams to EPA for December 2, 2013

Notification Letter dated March 29, 2011 from Diana Esher, Director, Air Protection Division USEPA Region 3 to Mr. Ali Mirzakhalili, Program Administrator, Delaware Department of Natural Resources and Environmental Control, notifying the State of Delaware of the revised 2010 SO2 National Ambient Air Quality Standard (NAAQS) and providing guidance on the designations process

Letter dated July 25, 2012 from Secretary Peggy M. Hatch, State of Louisiana, to Mr. Samuel J. Coleman, Acting Regional Administrator USEPA Region 6, providing updated recommendations for the boundaries of the areas in Louisiana attaining and not attaining the 2010 SO2 NAAQS

Petition for Reconsideration

Notification Letter dated March 29, 2011 from Diana Esher, Director, Air Protection Division USEPA Region 3 to Ms. Joyce E. Epps, Director, Pennsylvania Department of Environmental Protection Bureau of Air Quality, notifying the State of Pennsylvania of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

TSRIA Yellowstone County Petition for Reconsideration - Final 6510194 9

Comment submitted by Nathaniel Baer, Energy Program Director, Iowa Environmental Council

Comment submitted by Abbie Krebsbach, Environmental Manager, Montana-Dakota Utilities Co.

Notification Letter dated April 4, 2011 from Dennis J. McLerran, Regional Administrator USEPA Region 10 to the Honorable Sean Parnell, Governor of Alaska, notifying the State of Alaska of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Email_Doug Deason to Scott Mathias January 15, 2014

Notification Letter dated March 29, 2011 from Diana Esher, Director, Air Protection Division, USEPA Region 3 to Mr. John A. Benedict, Director, West Virginia Department of Environmental Protection notifying the State of West Virginia of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated February 7, 2013 to The Honorable Margaret Hassan, Governor of New Hampshire from H. Curtis Spalding, Regional Administrator USEPA Region 1, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated June 2, 2011 from Nikki R. Haley, Governor of South Carolina, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing recommendations for the boundaries of areas in South Carolina attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included.

Letter dated February 6, 2013 to the Honorable Dennis Daugaard, Governor of South Dakota from James B. Martin, Regional Administrator USEPA Region 8, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Notification letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to Buford Rolin, Chairman of the Poarch Band of Creek Indians of Alabama notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Comment submitted by Cathy Stepp, Secretary, Wisconsin Department of Natural Resources (WDNR)

Notification letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to the Honorable Nikki Haley, Governor of South Carolina, notifying the State of South Carolina of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Email dated June 19, 2013 from Jennifer Dines, Manager State Implementation Plan and Rulemaking Section, Ohio EPA, to USEPA Region 5 regarding Ohio's clarification of Steubenville Recommendation

USEPA Response Letter, dated August 14, 2014, to Mr. Daniel L. Schwarz, Chief Civil Deputy County Attorney for Yellowstone County Attorney's Office, responding to their Petition for Reconsideration concerning the U.S. EPA final rule, Air Quality Designations for the 2010 Sulfur Dioxide (SO2) Primary NAAQS

Letter from Senators Walsh adn Tester to Administrator McCarthy supporting Yellowstone County and TSRIA's Petition for Reconsideration dated April 10, 2014

Letter dated August 8, 2011 from Wayne Dupuis, Environmental Program Manager, Fond du Lac Band, to Susan Hedman, Regional Administrator USEPA Region 5, providing recommendations for the boundaries of areas of Indian country attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included.

2012 40 CFR Part 58

Letter dated February 6, 2013 to the Honorable Sam Brownback, Governor of Kansas from Karl Brooks, Regional Administrator USEPA Region 7, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_Meeting Request with TSRIA January 15, 2014

Comment submitted by J. Harant

Comment submitted by Hal Robbins, Bison Engineering

Final Technical Support Document, July 2013, West Virginia First Round of Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, Prepared by The Region 3 USEPA

Email dated June 7, 2013 from Robert K. Merchant, M.D., to USEPA Region 8 regarding designating Yellowstone County, Montana, as nonattainment for air quality Comment submitted by Zak Covar, Executive Director, Texas Commission on Environmental Quality (TCEQ)

Letter dated February 6, 2013 to the Honorable Edmund G. Brown, Governor of California from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) National Ambient Air Quality Standards (NAAQS)

Letter dated January 22, 2013 from John A. Benedict, Director of Division of Air Quality, West Virginia Department of Environmental Protection, to Ms. Diana Esher, Director of Air Protection Division, USEPA Region 3, providing updated recommendations for the boundaries of the areas in West Virginia attaining and not attaining the 2010 SO2 NAAQS

TSRIA Petition for Reconsideration Presentation

Area Designations for the 2010 SO2 Primary NAAQS, Prepared by The Region 8
USEPA

Comment submitted by Larry Zink, President, Montana Sulphur & Chemical Company

Letter dated February 6, 2013 to the Honorable Steve Bullock, Governor of Montana from James B. Martin, Regional Administrator USEPA Region 8, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 7, 2013 to the Honorable Mary Fallin, Governor of Oklahoma from Ron Curry, Regional Administrator USEPA Region 6, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 6, 2013 to The Honorable Earl Ray Tomblin, Governor of West Virginia from Shawn M. Garvin, Regional Administrator USEPA Region 3, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by C. A. McDonald, General Manager, Rayonier Performance Fibers, LLC

Letter dated July 25, 2013 to The Honorable Margaret Hassan, Governor of New Hampshire from Gina McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 4 USEPA

Region 7 IA 2008 SO2 99th Percentile 0 sub for flags with dates

Final Technical Support Document, July 2013, Pennsylvania First Round of Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 3 USEPA

Notification Letter dated April 4, 2011 from Al Armendariz, Regional Administrator USEPA Region 6 to the Honorable Mary Fallin, Governor of Oklahoma, notifying the State of Oklahoma of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Preliminary Technical Support Document, February 2013, Tennessee Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 4 US EPA Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Ray Halbritter, Representative of Oneida Indian Nation, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Letter dated February 6, 2013 to The Honorable Rick Scott, Governor of Florida from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Cheri A. Budzynski, Ohio Utility Group

Comment submitted by James E. Reno et al., Chairman, Board of County Commissioners, Yellowstone County, Montana

McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2)

Bison Engineering Letter to Scott Mathias February 19, 2014

Comment submitted by James E. Thompson, Air Quality Program Manager, Allegheny County Health Department (ACHD)

Air Quality Designations for the 2010 Sulfur Dioxide (SO2) Primary National Ambient Air Quality Standard: Action Denying Petitions for Reconsideration and Stay Request

Notification Letter dated April 4, 2011 from Dennis J. McLerran, Regional Administrator USEPA Region 10 to the Honorable John Kitzhaber, Governor of Oregon, notifying the State of Oregon of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

Letter dated May 27, 2011 from The Honorable Mary Fallin, Governor of Oklahoma, to Dr. Alfredo Armendariz, Regional Administrator USEPA Region 6, providing recommendations for the boundaries of the areas in Oklahoma attaining and not attaining the 2010 SO2 NAAQS

Letter dated February 6, 2013 to the Honorable John Hickenlooper, Governor of Colorado from James B. Martin, Regional Administrator USEPA Region 8, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by N. Jonathan Peress, Vice President and Director of Clean Energy and Climate Change, Conservation Law Foundation (CLF)

Undated letter from Ivan C. Quinata, Administrator, Guam Environmental Protection Agency, to Jared Blumenfeld, Regional Administrator USEPA Region 9, providing recommendations for the boundaries of areas in Guam attaining and not attaining the 2010 SO2 NAAQS

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to R. Clayton Cleaves, Tribal Chief of Passamaquoddy Tribe of Indians notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 US EPA

Email_Marie Durrant to Scott Mathias February 25, 2014

Notification Letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to the Honorable Rick Scott, Governor of Florida, notifying the State of Florida of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated June 2, 2011 from The Honorable Terry E. Branstad, Governor of Iowa, to Mr. Karl Brooks, Regional Administrator, USEPA Region 7, providing recommendations for the boundaries of the areas in Iowa attaining and not attaining the 2010 SO2 NAAQS

Letter dated February 7, 2013 to The Honorable Peter Shumlin, Governor of Vermont from H. Curtis Spalding, Regional Administrator USEPA Region 1, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Bryce C. Bird, Director, Utah Division of Air Quality

2.2 - Attachment A - New Design Value Calculation

Letter dated July 27, 2011 from The Honorable John A. Kitzhaber, Governor of Oregon, to Dennis McLerran, Regional Administrator USEPA Region 10, providing recommendations for the boundaries of the areas in Idaho attaining and not attaining the 2010 SO2 NAAQS

Letter dated July 25, 2013 to the Honorable Terry E. Branstad, Governor of Iowa from Gina McCarthy, Administrator of USEPA, providing final notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_McWilliams to Tom Powers December 6, 2013

Letter dated February 6, 2013 to the Honorable Pat Quinn, Governor of Illinois from Susan Hedman, Regional Administrator USEPA Region 5, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated June 23, 2011 from Michael L. Krancer, Secretary, Pennsylvania Department of Environmental Protection, to Shawn M. Garvin, Regional Administrator USEPA Region 3, providing recommendations for the boundaries of the areas in Pennsylvania attaining and not attaining the 2010 SO2 NAAQS. Technical Support Document included.

Letter from Barry R. Stephens, P.E., Director, Air Pollution Control Division, Tennessee Department of Environment and Conservation, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing technical analyses supporting Tennessee's May 26, 2011 letter recommending boundaries of areas in Tennessee attaining and not attaining the 2010 SO2 NAAQS, June 3, 2011

Letter dated March 26, 2012 from Pedro J. Nieves Miranda, Esq., Chairman, Puerto Rico Environmental Quality Board, to Judith A. Enck, Regional Administrator USEPA Region 2, providing revised recommendations for the boundaries of the areas in Puerto Rico attaining and not attaining the 2010 SO2 NAAQS

Letter dated June 4, 2013 from Amaya Garcia and David Strong, Co-Chairs of Yellowstone Valley Citizens Council to USEPA Region 8

Letter dated January 10, 2011 from Raymond L. Evans, Designated Representative, First Energy Generation Corp., to Mr. Dean Ponchak, Division of Air Pollution Control, Ohio Environmental Protection Agency, Regarding R.E. Burger Plant Shutdown Notification

Letter dated February 6, 2013 to the Honorable C. L. Butch Otter, Governor of Idaho from Dennis J. McLerran, Regional Administrator USEPA Region 10, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 6, 2013 to the Honorable Matt Mead, Governor of Wyoming from James B. Martin, Regional Administrator USEPA Region 8, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Anonymous public comment

Comment submitted by J. Blumenshine

Letter dated June 2, 2011 from Secretary Steven M. Pirner, State of South Dakota Department of Environment and Natural Resources, to James B. Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of the areas in South Dakota attaining and not attaining the 2010 SO2 NAAQS

Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 4 USEPA

Notification Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Roger Hill and Darwin Hill, Chiefs of Tonawanda Seneca Nation, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Comment submitted by Keith Harley, Attorney at Law, Chicago Legal Clinic, Inc., on behalf of Citizens against Ruining the Environment and the Respiratory Health (CARE) & (RHA)

Letter dated February 6, 2013 to the Honorable Scott Walker, Governor of Wisconsin from Susan Hedman, Regional Administrator USEPA Region 5, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Joseph C. Stanko, Jr., Counsel Hunton & Williams on behalf of NAAQS Implementation Coalition

EPA's Acknowledgement Letter to Montana Sulphur & Chemical Company (MSCC) Petition for Administrative Reconsideration

Region 7 IA Explanation of 2008-2011 SO2 DV Calculation

Notification Letter dated April 4, 2011 from Al Armendariz, Regional Administrator USEPA Region 6 to the Honorable Susana Martinez, Governor of New Mexico, notifying the State of New Mexico of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated February 6, 2013 to The Honorable Pat McCrory, Governor of North Carolina from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to Victoria Higgins, Chief of Aroostook Band of Micmacs notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_McWilliams to Emily Atkinson October 28, 2013

Letter dated February 6, 2013 to The Honorable Colley Billie, Chairman of the Miccosukee Tribe in Florida from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 6, 2013 to The Honorable Steve Beshear, Governor of Kentucky from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated July 6, 2011 from John H. Lynch, Governor of New Hampshire, to Curt Spalding, Regional Administrator USEPA Region 1, providing recommendations for the boundaries of the areas in New Hampshire attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included

Letter dated February 7, 2013 to The Honorable Paul R. LePage, Governor of Maine from H. Curtis Spalding, Regional Administrator USEPA Region 1, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated April 5, 2012 from Judith A. Enck, Regional Administrator USEPA Region 2, to Pedro J. Nieves Miranda, Esq., Chairman, Puerto Rico Environmental Quality Board, acknowledging receipt of March 26, 2012 revised recommendation letter for the boundaries of the areas in Puerto Rico attaining and not attaining the 2010 SO2 NAAQS

Comment submitted by Rick Perry, Governor, State of Texas, Office of the Governor Colorado Dept of Public Health and Environment, to James Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of the areas in Colorado attaining and not attaining the 2010 SO2 NAAQS. Technical Support Document, February 18, 2011, prepared by Colorado Dept of Public Health included

Letter dated May 31, 2011 from Mark Macarro, Tribal Chairman, Pechanga Band of Luiseno Indians, to Jared Blumenfeld, Regional Administrator USEPA Region 9, providing recommendations for the boundaries of areas of Indian country attaining and not attaining the 2010 SO2 NAAQS.

Administrator USEPA Region 5 to the Indian Countries in Illinois, Indiana, Ohio, Michigan, Minnesota, and Wisconsin, notifying these states of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Letter dated July 6, 2011 from Haley Barbour, Governor of Mississippi, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing recommendations for the boundaries of areas in Mississippi attaining and not attaining the 2010 SO2 NAAQS.

Undated letter from Dannel P. Malloy, Governor of Connecticut, to H. Curtis Spalding, Regional Administrator USEPA Region 1, providing recommendations for the boundaries of the areas in Connecticut attaining and not attaining the 2010 SO2 NAAQS

Administrator USEPA Region 1 to Cheryl Andrews-Maltais, Chairwoman of Wampanoag Tribe of Gay Head (Aquinnah) notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

Letter dated February 7, 2013 to the Honorable Bobby Jindal, Governor of Louisiana from Ron Curry, Regional Administrator USEPA Region 6, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide SO2 NAAQS

Preliminary Technical Support Document, February 2013, Pennsylvania Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 3 US EPA

Comment submitted by Ali Mirzakhalili, Director, Delaware Department of Natural Resources & Environmental Control, Division of Air Quality

Letter dated February 7, 2013 to the Honorable Rick Perry, Governor of Texas from Ron Curry, Regional Administrator USEPA Region 6, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide SO2 NAAQS

2014-04-01 Letter to Ms. McCabe, Acting Assistant Administrator, U.S. En...

Letter dated February 6, 2013 to The Honorable John P. deJongh Jr., Governor of the U.S. Virgin Islands from Judith A. Enck, Regional Administrator USEPA Region 2, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated June 6, 2011 from The Honorable Susana Martinez, Governor of New Mexico, to Dr. Alfredo Armendariz, Regional Administrator USEPA Region 6, providing recommendations for the boundaries of the areas in New Mexico attaining and not attaining the 2010 SO2 NAAQS

Preliminary Technical Support Document, February 2013, Missouri Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 7 US EPA

1 Ambient Data from other monitors 2009_2013

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to Brenda Commander, Chief of Houlton Band of Maliseet Indians, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated February 6, 2013 to Mr. Terry Rambler, Chairman of San Carlos Apache Tribe from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) National Ambient Air Quality Standards (NAAQS)

Notification Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to Randy King, Chairperson of Shinnecock Indian Nation Tribe, notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

Comment submitted by Zachary M. Fabish, Sierra Club (Supplemental Comments to OAR-2012-0233-0265)

Letter dated March 15, 2013 to Mr. William Ehm, Administrator, Division of Environmental Protection, Iowa Department of Natural Resources, from Rebecca Weber, Direcor of Air Waste adn Management Division, USEPA Region 7, providing a supplemental letter to the 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Gina McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by John P. Shimshock, Senior Air Environmental Specialist, NRG Energy, Southpointe Operations Center

Air Quality Designations for 2010 Sulfur Dioxide Primary National Ambient Air Quality Standard: Denial of Petition for Reconsideration and Stay Request

Letter dated February 6, 2013 to The Honorable Martin J. O'Malley, Governor of Maryland from Shawn M. Garvin, Regional Administrator USEPA Region 3, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 7, 2013 to the Honorable Mike Beebe, Governor of Arkansas from Ron Curry, Regional Administrator USEPA Region 6, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide SO2 NAAQS

4 - Removing QA Failures and Limiting PPL Emissions

Notification letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to Donald Rodgers, Chief of Catawba Indian Nation notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Letter dated February 6, 2013 to the Honorable Benigno R. Fitial, Governor of Commonwealth of Northern Mariana Islands from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (S02) National Ambient Air Quality Standards (NAAQS)

Letter dated February 6, 2013 to the Honorable Neil Abercrombie, Governor of Hawaii from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) National Ambient Air Quality Standards (NAAQS)

EPA Quality Assurance Handbook - 2008

Letter dated January 23, 2013 from John E. Skvarla, Secretary of North Carolina Department of Environmental and Natural Resources, to Gwendolyn Keyes Fleming, Regional Administrator, USEPA Region 4, providing updated recommendations for the boundaries of the areas in North Carolina attaining and not attaining the 2010 SO2 NAAQS

Notification Letter dated March 29, 2011 from Diana Esher, Director, Air Protection Division USEPA Region 3 to Ms. Cecily M. Beall, Associate Director, District Department of the Environment, notifying the District of Columbia of the revised 2010 SO2 National Ambient Air Quality Standard (NAAQS) and Providing Guidance on the Designations Process

2013 Revised- Ohio's Recommended Designations for the 2010 1-hour SO2 Standard Technical Evaluation

Attachment A - Air Modeling Summary

Notification Letter dated March 29, 2011 from Diana Esher, Director, Air Protection Division USEPA Region 3 to Mr. George S. Aburn, Jr., Director, Maryland Department of the Environment Air and Radiation Management Administration, notifying the State of Maryland of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Department of Environmental Management, to Susan Hedman, Regional Administrator USEPA Region 5, providing updated recommendations for the boundaries of areas in Indiana attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included

TSRIA Yellowstone County Cover Letter

Division USEPA Region 3 to Mr. Michael G. Dowd, Director, Virginia Department of Environmental Quality, notifying the State of Virginia of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Comment submitted by Steve Arveschoug, Executive Director, Big Sky Economic Development

Letter dated February 6, 2013 to the Honorable Jack Dalrymple, Governor of North Dakota from James B. Martin, Regional Administrator USEPA Region 8, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Notification letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to the Honorable Beverly Perdue, Governor of North Carolina, notifying the State of North Carolina of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

TSRIA-EPA Meeting Discussion Points - updated 1-13-14

Preliminary Technical Support Document, February 2013, Iowa Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 7 US EPA

Comment submitted by David W. Hacker, United States Steel Corporation

Comment submitted by Meena M. Nainan, SSH&E Manager, ExxonMobil Refining & Supply Company

TSRIA - EPA Additional Information Requests - final

Area Designations for the 2010 SO2 Primary NAAQS, Prepared by The Region 7 USEPA

Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, Prepared by The Region 6 USEPA

Letter dated February 6, 2013 to The Honorable Robert Bentley, Governor of Alabama from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated July 25, 2013 to The Honorable Earl Ray Tomblin, Governor of West Virginia from Gina McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by T. M. Fox

Notification Letter dated April 4, 2011 from Dennis J. McLerran, Regional Administrator, USEPA Region 10 to the Honorable C.L. "Butch" Otter, Governor of Idaho, notifying the State of Idaho of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

Letter from James N. Goldstene, Executive Officer, California Air Resources Board, to Jared Blumenfeld, Regional Administrator USEPA Region 9, providing recommendations for the boundaries of areas in California attaining and not attaining the 2010 SO2 NAAQS. Technical Staff Report included, June 20, 2011

Email_Emily Schilling to McCabe and Powers April 1, 2014

Notification Letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to the Honorable Robert Bentley, Governor of Alabama, notifying the State of Alabama of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Preliminary Technical Support Document, February 2013, New Hampshire Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 1 USEPA

Notification Letters dated March 24, 2011 from James B. Martin, Regional Administrator USEPA Region 8 to the Indian Countries of Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming, notifying these Indian Countries of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Garvin, Regional Administrator USEPA Region 3, providing recommendations for the boundaries of the areas in Maryland attaining and not attaining the 2010 SO2 NAAQS.

Letter dated May 26, 2011 from Robert J. Martineau, Jr., Commissioner, Tennessee Department of Environment and Conservation, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing recommendations for the boundaries of areas in Tennessee attaining and not attaining the 2010 SO2 NAAQS.

Comment submitted by Randy C. Huffman, Cabinet Secretary, West Virginia Department of Environmental Protection (WV DEP)

Eastern Band of Cherokee Indians from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Gregory L. Ryan, Senior Technological Specialist, Environmental Management & Resources, DTE Energy Co.

Letter dated February 6, 2013 to the Honorable Gary R. Herbert, Governor of Utah from James B. Martin, Regional Administrator USEPA Region 8, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by K. Sheets

Comment submitted by Joshua Stebbins and Zachary M. Fabish, Sierra Club

Notification Letter dated April 6, 2011 from Al Armendariz, Regional Administrator USEPA Region 6 to the Honorable Mike Beebe, Governor of Arkansas, notifying the State of Arkansas of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Email_Lazzaretti to Gina McCarthy October 2, 2013

Mississippi Band of Choctaw Indians from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email dated April 26, 2013 from Jennifer Dines, Manager State Implementation Plan and Rulemaking Section, Ohio EPA, to USEPA Region 5 regarding Ohio's comments on Burger Shutdown

Letter dated February 6, 2013 to The Honorable Nathan Deal, Governor of Georgia from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 7, 2013 to The Honorable Dannel P. Malloy, Governor of Connecticut from H. Curtis Spalding, Regional Administrator USEPA Region 1, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter from Eloy S. Inos, Acting Governor of the Commonwealth of the Northern Mariana Islands, to Deborah Jordan, Air Division Director, USEPA Region 9, providing recommendations for the boundaries of areas in the Commonwealth of the Northern Mariana Islands attaining and not attaining the 2010 SO2 NAAQS, June 1, 2011

Letter dated March 18, 2011 from Christopher Urbina, Executive Director, Colorado Dept of Public Health and Environment, to James Martin, Regional Administrator USEPA Region 8, providing recommendations for the boundaries of the areas in Colorado attaining and not attaining the 2010 SO2 NAAQS. Technical Support Document, March 17, 2011, prepared by Colorado Department of Public Health included

Administrator USEPA Region 5 to the State Governors of Illinois, Indiana, Ohio, Michigan, Minnesota, and Wisconsin, notifying these states of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

Comment submitted by T. Meints Fox

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to Bruce Bozsum, Chairman of Mohegan Tribe notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

2013 40 CFR Part 58

Extension of Deadline for Promulgating Designations for the 2010 Primary Sulfur Dioxide National Ambient Air Quality Standard

Letter dated February 6, 2013 to The Honorable Alejandro Garcia Padilla, Governor of Puerto Rico from Judith A. Enck, Regional Administrator USEPA Region 2, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 6, 2013 to the Honorable Jay Nixon, Governor of Missouri from Karl Brooks, Regional Administrator USEPA Region 7, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_Meeting Request with TSRIA on February 27, 2014 and Attendees
Comment submitted by J. Dalier

Notification Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to the Honorable John P. deJongh, Jr., Governor of Virgin Islands, notifying the State of Virgin Islands of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

EPA's Response to US Steel's Petition for Reconsideration

REVISED Preliminary Technical Support Document, March 2013, Iowa Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 7 US EPA

McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by Sandra Stanley, President, Board of Directors, Clean Air Muscatine, Inc. (CLAM)

3 - Upwind Sources Emissions vs Coburn Road

Notification letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to the Honorable Bill Haslam, Governor of Tennessee, notifying the State of Tennessee of the revised 2010 SO2 National Ambient Air Quality Standard and Providing guidance on the designations process

Gina McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 6, 2013 to the Honorable Eddie Baza Calvo, Governor of Guam from Jared Blumenfeld, Regional Administrator USEPA Region 9, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) National Ambient Air Quality Standards (NAAQS)

and Environment Cabinet, to Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing updated recommendations for the boundaries of areas in Kentucky attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included

TSRIA YC Attachment A Design Value Calculations - final

Final Technical Support Document, July 2013, Arizona First Round of Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 9 USEPA

Preliminary Technical Support Document, February 2013, Montana Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 8 US EPA

Letter dated February 6, 2013 to the Honorable Terry E. Branstad, Governor of Iowa from Karl Brooks, Regional Administrator USEPA Region 7, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Meeting Attendees Jan 15, 2014

Area Designations for the 2010 SO2 Primary NAAQS, Prepared by The Region 7 USEPA

Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, Prepared by The Region 5 USEPA

Preliminary Technical Support Document, February 2013, West Virginia Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 3 US EPA

from Gina McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by C. VanWinkle

Comment submitted by Larry Zink, President, Montana Sulphur & Chemical Company (MSCC)

Final Technical Support Document, July 2013, Illinois First Round of Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 USEPA

Region 7 IA 2011 SO2 99th Percentile 0 sub for flags with dates (2)

Administrator USEPA Region 8 to the State Governors of Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming, notifying these states of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Comment submitted by Bryce C. Bird, Director, Division of Air Quality, Utah Department of Environmental Quality

Comment submitted by Rob Bamford, Chief, Bureau of Air Pollution Control, Nevada Division of Environmental Protection

Letter dated February 6, 2013 to The Honorable Bill Harris, Chief of the Catawba Indian Nation from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_Mark Lambrecht to Scott Mathias February 18, 2014

Montana's DEQ 1996 QAPP

Notification Letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to Mitchell Cypress, Chairman of the Seminole Tribe of Florida notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Gguidance on the Designations Process

Comment submitted by Larry Zink, President, Montana Sulphur & Chemical Company

Preliminary Technical Support Document, February 2013, Florida Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 4 US EPA

Department of Environmental Conservation, to Judith A. Enck, Regional Administrator USEPA Region 2, providing recommendations for the boundaries of the areas in New York attaining and not attaining the 2010 SO2 NAAQS. Technical analyses included

Preliminary Technical Support Document, February 2013, Michigan Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 USEPA

Letter from Colleen Cripps, Administrator, Nevada Division of Environmental Protection, to Jared Blumenfeld, Regional Administrator USEPA Region 9, providing recommendations for the boundaries of areas in Nevada attaining and not attaining the 2010 SO2 NAAQS. March 29, 2011 letter from Lewis Wallenmeyer of Clark County Nevada Dept of Air Quality & Env. Mgmt attached as support, May 3, 2011

Letter dated June 1, 2011 from The Honorable Dave Heineman, Governor of Nebraska to Mr. Karl Brooks, Regional Administrator, USEPA Region 7, providing recommendations for the boundaries of the areas in Nebraska attaining and not attaining the 2010 SO2 NAAQS

Notification Letter dated April 11, 2011 from H. Curtis Spalding, Regional Administrator USEPA Region 1 to Matthew Thomas, Chief Sachem of Narragansett Indian Tribe notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

Letter dated February 6, 2013 to The Honorable Andrew M. Cuomo, Governor of New York from Judith A. Enck, Regional Administrator USEPA Region 2, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by L. Delaney

Notification Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to the Honorable Luis Fortuno Burset, Governor of Puerto Rico, notifying the State of Puerto Rico of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

2.5 - SO2 Validation Template - EPA 2013 QA Handbook

from Gina McCarthy, Administrator of USEPA, providing final notification on round 1 designation decisions for the areas not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Comment submitted by L. David Glatt, Chief, Environmental Health Section, North Dakota Department of Health

Comparison of TSRIA-EPA Meeting Discussion Points - updated 1-9-14 & - updated 1-13-14

Final Technical Support Document, July 2013, Ohio First Round of Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 USEPA Comment submitted by Alec Messina, Executive Director, Illinois Environmental Regulatory Group (IERG)

Letter dated July 25, 2013 to the Honorable Janice Brewer, Governor of Arizona from Gina McCarthy, Administrator of USEPA, providing final notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_Marie Durrant to Scott Mathias March 19, 2014

Notification Letter dated April 4, 2011 from Dennis J. McLerran, Regional Administrator USEPA Region 10 to the Honorable Christine Gregoire, Governor of Washington, notifying the State of Washington of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

EPA Validation Template Change Tracking Table

Notification Letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to the Honorable Steve Beshear, Governor of Kentucky, notifying the State of Kentucky of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated June 2, 2011 from The Honorable Rick Perry, Governor of Texas, to Dr. Alfredo Armendariz, Regional Administrator USEPA Region 6, providing recommendations for the boundaries of the areas in Texas attaining and not attaining the 2010 SO2 NAAQS

Comment submitted by S. Kneale

Letter dated February 6, 2013 to the Honorable Rick Snyder, Governor of Michigan from Susan Hedman, Regional Administrator USEPA Region 5, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter from Neil Abercrombie, Governor of Hawaii, to Jared Blumenfeld, Regional Administrator USEPA Region 9, providing recommendations for the boundaries of areas in Hawaii attaining and not attaining the 2010 SO2 NAAQS. Technical analysis included, May 19, 2011

Letter dated July 19, 2011 from Sara Parker Pauley, Director of the State of Missouri Department of Natural Resources, to Mr. Karl Brooks, Regional Administrator, USEPA Region 7, providing recommendations for the boundaries of the areas in Missouri attaining and not attaining the 2010 SO2 NAAQS, including Missouri Department of Natural Resources Technical Support Document

Administrator USEPA Region 1 to Joseph Socobasin, Tribal Governor of Passamaquoddy Tribe of Indians notifying the Indian Country of the revised 2010 SO2 National Ambient Air Quality Standard and Providing Guidance on the Designations Process

Letter dated February 6, 2013 to The Honorable Chris Christie, Governor of New Jersey from Judith A. Enck, Regional Administrator USEPA Region 2, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Notification Letter dated February 28, 2011 from Judith A. Enck, Regional Administrator USEPA Region 2 to the Honorable Andrew M. Cuomo, Governor of New York, notifying the State of New York of the revised 2010 SO2 National Ambient Air Quality Standard and provididng gudiance on the designations process

2.4 - EPA 2-27-14 Meeting Handout

Garvin, Regional Administrator USEPA Region 3, providing recommendations for the boundaries of the areas in Delaware attaining and not attaining the 2010 SO2 NAAQS.

Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 USEPA

Comment submitted by Larry Zink, President, Montana Sulphur & Chemical Company
Comment submitted by Thomas W. Hanel, Mayor, City of Billings, Montana

Letter dated July 25, 2013 to the Honorable Steve Bullock, Governor of Montana from Gina McCarthy, Administrator of USEPA, providing final notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Email_Marie Durrant to Scott Mathias January 17, 2014

Notification Letter dated March 28, 2011 from Gwendolyn Keyes Fleming, Regional Administrator USEPA Region 4 to the Honorable Nathan Deal, Governor of Georgia notifying the State of Georgia of the revised 2010 SO2 National Ambient Air Quality Standard and providing guidance on the designations process

Preliminary Technical Support Document, February 2013, Indiana Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 USEPA

Letter dated June 13, 2011 from The Honorable Sam Brownback, Governor of Kansas, to Mr. Karl Brooks, Regional Administrator, USEPA Region 7, providing recommendations for the boundaries of the areas in Kansas attaining and not attaining the 2010 SO2 NAAQS

Letter dated February 7, 2013 to The Honorable Lincoln D. Chafee, Governor of Rhode Island from H. Curtis Spalding, Regional Administrator USEPA Region 1, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

2.3 - Attachment B - Technical Application of New Standards

Comment submitted by L. David Glatt, Chief, Environmental Health Section, North Dakota Department of Health

Letter dated June 2, 2011 from Ted Sturdevant, Director of the State of Washington Department of Ecology, to Dennis McLerran, Regional Administrator USEPA Region 10, providing recommendations for the boundaries of the areas in Washington attaining and not attaining the 2010 SO2 NAAQS

Comment submitted by John P. Shimshock, Senior Air Environmental Specialist, Southpointe Operations Center, NRG Energy Inc. (NRG)

Gina McCarthy, Administrator of USEPA, providing final notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) NAAQS

Letter dated February 6, 2013 to the Honorable Michael Pence, Governor of Indiana from Susan Hedman, Regional Administrator USEPA Region 5, providing 120-day notification of designation decisions for the areas attaining and not attaining the 2010 Sulfur Dioxide (SO2) AAQS

Preliminary Technical Support Document, February 2013, Illinois Preliminary Nonattainment Area Designations for the 2010 SO2 Primary NAAQS, prepared by the Region 5 USEPA

Comment submitted by Ray Papalski, Office of the Commissioner, State of New Jersey Department of Environmental Protection (NJDEP)

Comment submitted by David A. Galt, Executive Director, Montana Petroleum Association; and Mark Lambrecht, Executive Director, Treasure State Resource Industry Association

Document ID	Received Date
EPA-HQ-OAR-2012-0233-0041	6/26/2012
EPA-HQ-OAR-2012-0233-0042	6/26/2012
EPA-HQ-OAR-2012-0233-0043	6/26/2012
EPA-HQ-OAR-2012-0233-0044	6/26/2012
EPA-HQ-OAR-2012-0233-0055	6/26/2012
EPA-HQ-OAR-2012-0233-0045	6/26/2012
EPA-HQ-OAR-2012-0233-0056	6/26/2012
EPA-HQ-OAR-2012-0233-0272	4/5/2013
EPA-HQ-OAR-2012-0233-0094	2/8/2013
EPA-HQ-OAR-2012-0233-0046	6/26/2012
EPA-HQ-OAR-2012-0233-0347	7/25/2013
EPA-HQ-OAR-2012-0233-0057	6/26/2012

EPA-HQ-OAR-2012-0233-0071	7/17/2012
EPA-HQ-OAR-2012-0233-0266	3/25/2013
EPA-HQ-OAR-2012-0233-0013	6/15/2012
EPA-HQ-OAR-2012-0233-0095	2/8/2013
EPA-HQ-OAR-2012-0233-0047	6/26/2012
EPA-HQ-OAR-2012-0233-0348	7/25/2013
EFA-NQ-UAK-2012-0233-0348	//25/2013
EPA-HQ-OAR-2012-0233-0058	6/26/2012
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EPA-HQ-OAR-2012-0233-0217	2/7/2013
EPA-HQ-OAR-2012-0233-0204	2/7/2013
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EPA-HQ-OAR-2012-0233-0354	7/25/2013
EPA-HQ-OAR-2012-0233-0096	2/8/2013
EPA-HQ-OAR-2012-0233-0048	6/26/2012
EPA-HQ-OAR-2012-0233-0349	7/25/2013

EPA-HQ-OAR-2012-0233-0059 EPA-HQ-OAR-2012-0233-0248	6/26/2012 3/18/2013
LIA NQ OAN 2012 0233 0240	3/13/2013
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EPA-HQ-OAR-2012-0233-0245	3/18/2013
EPA-HQ-OAR-2012-0233-0029	6/18/2012
EPA-HQ-OAR-2012-0233-0205	2/7/2013
EPA-HQ-OAR-2012-0233-0072	2/8/2013
EPA-HQ-OAR-2012-0233-0231 EPA-HQ-OAR-2012-0233-0284	3/15/2013 4/8/2013
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EPA-HQ-OAR-2012-0233-0358	11/26/2013
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	,,23,2313
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EPA-HQ-OAR-2012-0233-0279	4/8/2013
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EPA-HQ-OAR-2012-0233-0124	2/8/2013
EPA-HQ-OAR-2012-0233-0342	7/25/2013
EPA-HQ-OAR-2012-0233-0030	6/18/2012
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EPA-HQ-OAR-2012-0233-0206	2/7/2013
EPA-HQ-OAR-2012-0233-0285 EPA-HQ-OAR-2012-0233-0258	4/8/2013 3/20/2013
EPA-HQ-OAR-2012-0233-0131	2/8/2013

EPA-HQ-OAR-2012-0233-0163	2/7/2013
EPA-HQ-OAR-2012-0233-0357	10/29/2013
EPA-HQ-OAR-2012-0233-0073	2/8/2013
	2, 3, 23 23
EPA-HQ-OAR-2012-0233-0367	8/18/2014
EPA-HQ-OAR-2012-0233-0103	2/8/2013
EPA-HQ-OAR-2012-0233-0291	4/9/2013
EDA LIO OAR 2012 0222 0022	6/10/2012
EPA-HQ-OAR-2012-0233-0032	6/19/2012
EPA-HQ-OAR-2012-0233-0333	7/25/2013
EPA-HQ-OAR-2012-0233-0371	10/27/2014
EPA-HQ-OAR-2012-0233-0170	2/7/2013
EPA-HQ-OAR-2012-0233-0307	7/22/2013
EPA-HQ-OAR-2012-0233-0303	4/8/2013
EPA-HQ-OAR-2012-0233-0179	2/7/2013
EPA-HQ-OAR-2012-0233-0249	3/18/2013
EPA-HQ-OAR-2012-0233-0160	2/7/2013

EPA-HQ-OAR-2012-0233-0242	3/17/2013
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	-, - , ,
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EPA-HQ-OAR-2012-0233-0014	6/18/2012
EPA-HQ-OAR-2012-0233-0098	2/8/2013
EPA-HQ-OAR-2012-0233-0305	4/8/2013
EPA-HQ-OAR-2012-0233-0135	2/15/2013
EPA-HQ-OAR-2012-0233-0183	2/7/2013
EPA-HQ-OAR-2012-0233-0036	6/25/2012
	, ,==3=
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EPA-HQ-OAR-2012-0233-0351	7/25/2013
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EPA-HQ-OAR-2012-0233-0061	6/26/2012
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EPA-HQ-OAR-2012-0233-0051	6/26/2012
EPA-HQ-OAR-2012-0233-0125	2/8/2013
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EPA-HQ-OAR-2012-0233-0365	8/18/2014
EPA-HQ-OAR-2012-0233-0113	2/8/2013
EPA-HQ-OAR-2012-0233-0067	6/26/2012
EPA-HQ-OAR-2012-0233-0031	6/18/2012
EPA-HQ-OAR-2012-0233-0352	7/25/2013
EPA-HQ-OAR-2012-0233-0228	2/28/2013
EPA-HQ-OAR-2012-0233-0207	2/7/2013

EPA-HQ-OAR-2012-0233-0218	2/7/2013
EPA-HQ-OAR-2012-0233-0189	2/7/2013
EPA-HQ-OAR-2012-0233-0152	2/7/2013
EPA-HQ-OAR-2012-0233-0257	3/20/2013
EPA-HQ-OAR-2012-0233-0132	2/8/2013
EPA-HQ-OAR-2012-0233-0164	2/7/2013
EPA-HQ-OAR-2012-0233-0250	3/18/2013
EPA-HQ-OAR-2012-0233-0243	3/17/2013
EPA-HQ-OAR-2012-0233-0297	5/10/2013
EPA-HQ-OAR-2012-0233-0074 EPA-HQ-OAR-2012-0233-0395	2/8/2013 10/27/2014
EPA-HQ-OAR-2012-0233-0147	2/7/2013
EPA-HQ-OAR-2012-0233-0017	6/18/2012
EPA-HQ-OAR-2012-0233-0196	2/7/2013
EPA-HQ-OAR-2012-0233-0104	2/8/2013

EPA-HQ-OAR-2012-0233-0254	3/18/2013
EPA-HQ-OAR-2012-0233-0306	8/5/2013
EPA-HQ-OAR-2012-0233-0386	10/27/2014
EPA-HQ-OAR-2012-0233-0033	6/19/2012
EPA-HQ-OAR-2012-0233-0334	7/25/2013
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EPA-HQ-OAR-2012-0233-0171	2/7/2013
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EPA-HQ-OAR-2012-0233-0027	6/18/2012
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EPA-HQ-OAR-2012-0233-0180	2/7/2013
EPA-HQ-OAR-2012-0233-0360	1/14/2014
EPA-HQ-OAR-2012-0233-0260	3/20/2013

EPA-HQ-OAR-2012-0233-0161	2/7/2013
EPA-HQ-OAR-2012-0233-0101	2/8/2013
EPA-HQ-OAR-2012-0233-0331	7/25/2013
EPA-HQ-OAR-2012-0233-0302	3/14/2013
EPA-HQ-OAR-2012-0233-0002	6/14/2012
	, , ==
EPA-HQ-OAR-2012-0233-0069	6/26/2012
EPA-HQ-OAR-2012-0233-0049	6/26/2012
EPA-HQ-OAR-2012-0233-0005	6/14/2012
EPA-HQ-OAR-2012-0233-0412	11/5/2014
EPA-HQ-OAR-2012-0233-0301	4/10/2013
EPA-HQ-OAR-2012-0233-0150	2/7/2013
EPA-HQ-OAR-2012-0233-0011	6/14/2012
EPA-HQ-OAR-2012-0233-0362	2/5/2014
EPA-HQ-OAR-2012-0233-0230	3/15/2013

EPA-HQ-OAR-2012-0233-0186	2/7/2013
EPA-HQ-OAR-2012-0233-0355 EPA-HQ-OAR-2012-0233-0393	7/26/2013 10/27/2014
LFA-HQ-OAK-2012-0233-0393	10/2//2014
EPA-HQ-OAR-2012-0233-0015	6/18/2012
217 TIQ 5/M 2012 0233 0013	0) 10) 2012
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LFA-11Q-0AN-2012-0233-0408	10/27/2014
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EPA-HQ-OAR-2012-0233-0037	6/25/2012
EPA-HQ-OAR-2012-0233-0406	10/27/2014

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EPA-HQ-OAR-2012-0233-0374	10/27/2014
EPA-HQ-OAR-2012-0233-0077	2/8/2013
EPA-HQ-OAR-2012-0233-0224	2/7/2013
EPA-HQ-OAR-2012-0233-0376	10/27/2014
EPA-HQ-OAR-2012-0233-0079	2/8/2013
EPA-HQ-OAR-2012-0233-0403	10/27/2014
EPA-HQ-OAR-2012-0233-0241	3/18/2013
EPA-HQ-OAR-2012-0233-0283	4/8/2013
EPA-HQ-OAR-2012-0233-0090	2/8/2013
EPA-HQ-OAR-2012-0233-0377	10/27/2014
EPA-HQ-OAR-2012-0233-0127	2/8/2013
EPA-HQ-OAR-2012-0233-0139	2/7/2013

EPA-HQ-OAR-2012-0233-0052	6/26/2012
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EPA-HQ-OAR-2012-0233-0277	4/8/2013
EPA-HQ-OAR-2012-0233-0120	2/8/2013
EPA-HQ-OAR-2012-0233-0343	7/25/2013
2.77.112 97.11. 2012 9239 93 19	7,23,233
EPA-HQ-OAR-2012-0233-0366	8/18/2014
EPA-HQ-OAR-2012-0233-0405	10/27/2014
EPA-HQ-OAR-2012-0233-0068 EPA-HQ-OAR-2012-0233-0410	6/26/2012 10/28/2014
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EPA-HQ-OAR-2012-0233-0353	7/25/2013
EPA-HQ-OAR-2012-0233-0268	3/26/2013

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EPA-HQ-OAR-2012-0233-0081	2/8/2013
ELA TIQ OAN 2012 0233 0001	2/0/2013
	- 1 - 1 - 1 - 1
EPA-HQ-OAR-2012-0233-0020	6/18/2012
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EPA-HQ-OAR-2012-0233-0278	4/8/2013
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EPA-HQ-OAR-2012-0233-0335	7/25/2013
EPA-HQ-OAR-2012-0233-0373	10/27/2014
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EPA-HQ-OAR-2012-0233-0040	6/26/2012
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	2, 23, 2322
EPA-HQ-OAR-2012-0233-0012	6/15/2012
	, ,
EPA-HQ-OAR-2012-0233-0346	7/25/2013
EPA-HQ-OAR-2012-0233-0340	7/25/2013

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EPA-HQ-OAR-2012-0233-0203	2/7/2013
EPA-HQ-OAR-2012-0233-0270	4/6/2013
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	3, 23, 2322
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EPA-HQ-OAR-2012-0233-0181	2/7/2013
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EPA-HQ-OAR-2012-0233-0162	2/7/2013
EPA-HQ-OAR-2012-0233-0102	2/8/2013
EPA-HQ-OAR-2012-0233-0332	7/25/2013

EPA-HQ-OAR-2012-0233-0370	10/27/2014
EPA-HQ-OAR-2012-0233-0169	2/7/2013
EPA-HQ-OAR-2012-0233-0159	2/7/2012
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EPA-HQ-OAR-2012-0233-0003	6/14/2012
EPA-HQ-OAR-2012-0233-0137	2/7/2013
	- / /
EPA-HQ-OAR-2012-0233-0009	6/14/2012
EPA-HQ-OAR-2012-0233-0304	4/5/2013
EPA-HQ-OAR-2012-0233-0025	6/18/2012
	-,,
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EDA_UO_OAD_2012 0222 00E0	6/26/2012
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EPA-HQ-OAR-2012-0233-0109	2/8/2013
EPA-HQ-OAR-2012-0233-0188	2/7/2013
EPA-HQ-OAR-2012-0233-0151	2/7/2013
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EPA-HQ-OAR-2012-0233-0293	4/8/2013

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EPA-HQ-OAR-2012-0233-0330	7/25/2013
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EPA-HQ-OAR-2012-0233-0112	2/8/2013
EPA-HQ-OAR-2012-0233-0223	2/7/2013

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EPA-HQ-OAR-2012-0233-0192	2/7/2013
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EPA-HQ-OAR-2012-0233-0091	2/8/2013
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EPA-HQ-OAR-2012-0233-0202	2/7/2013
EPA-HQ-OAR-2012-0233-0235	3/17/2013
EPA-HQ-OAR-2012-0233-0265	3/18/2013
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EPA-HQ-OAR-2012-0233-0129 EPA-HQ-OAR-2012-0233-0369	2/8/2013 10/27/2014
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EPA-HQ-OAR-2012-0233-0168	2/7/2013
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EPA-HQ-OAR-2012-0233-0344	7/25/2013
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EPA-HQ-OAR-2012-0233-0136	2/7/2013
EPA-HQ-OAR-2012-0233-0066	6/26/2012
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EPA-HQ-OAR-2012-0233-0411	10/28/2014
EPA-HQ-OAR-2012-0233-0001	8/3/2012
EPA-HQ-OAR-2012-0233-0145	2/7/2013
2.77.11Q 3/11 2312 0233 01 1 3	2,7,2013
EPA-HQ-OAR-2012-0233-0194	2/7/2013
EPA-HQ-OAR-2012-0233-0384	10/27/2014
EPA-HQ-OAR-2012-0233-0234	3/16/2013

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EPA-HQ-OAR-2012-0233-0262	3/20/2013
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EPA-HQ-OAR-2012-0233-0324	7/25/2013
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EPA-HQ-OAR-2012-0233-0390	10/27/2014
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EPA-HQ-OAR-2012-0233-0274	3/25/2013
EPA-HQ-OAR-2012-0233-0397	10/27/2014
ETA TIQ OAN 2012 0233 0337	10/27/2014
EPA-HQ-OAR-2012-0233-0313	7/22/2013
EPA-HQ-OAR-2012-0233-0244	3/18/2013
EPA-HQ-OAR-2012-0233-0338	7/25/2013
EPA-HQ-OAR-2012-0233-0381	10/27/2014
EPA-HQ-OAR-2012-0233-0093	2/8/2013
EPA-HQ-OAR-2012-0233-0409	10/27/2014
EPA-HQ-OAR-2012-0233-0083	2/8/2013
EPA-HQ-OAR-2012-0233-0019	6/18/2012
EPA-HQ-OAR-2012-0233-0240	3/16/2013

EPA-HQ-OAR-2012-0233-0176	2/7/2013
EPA-HQ-OAR-2012-0233-0064	6/26/2012
EPA-HQ-OAR-2012-0233-0022	6/18/2012
EPA-HQ-OAR-2012-0233-0106	2/8/2013
EPA-HQ-OAR-2012-0233-0143	2/7/2013
EPA-HQ-OAR-2012-0233-0114	2/8/2013
EPA-HQ-OAR-2012-0233-0389	10/27/2014
EPA-HQ-OAR-2012-0233-0038	6/26/2012
EPA-HQ-OAR-2012-0233-0312	7/22/2013
EPA-HQ-OAR-2012-0233-0286	4/8/2013
EPA-HQ-OAR-2012-0233-0296	4/10/2013
EPA-HQ-OAR-2012-0233-0337	7/25/2013
EPA-HQ-OAR-2012-0233-0380	10/27/2014
EPA-HQ-OAR-2012-0233-0082	2/8/2013
EDA 110 045 2042 2022 24	2/7/225
EPA-HQ-OAR-2012-0233-0175	2/7/2013

EPA-HQ-OAR-2012-0233-0021	6/18/2012
EPA-HQ-OAR-2012-0233-0142	2/7/2013
EPA-HQ-OAR-2012-0233-0388	10/27/2014
EPA-HQ-OAR-2012-0233-0288	4/2/2013
EPA-HQ-OAR-2012-0233-0035	6/19/2012
EPA-HQ-OAR-2012-0233-0295	5/9/2013
EPA-HQ-OAR-2012-0233-0336	7/25/2013
EPA-HQ-OAR-2012-0233-0174	2/7/2013
EPA-HQ-OAR-2012-0233-0173	2/7/2013
EPA-HQ-OAR-2012-0233-0276	4/8/2013
	, -,
EPA-HQ-OAR-2012-0233-0227	2/27/2013